



3004-10US

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Emmanuel Zazopoulos et al.

Examiner: Unassigned

Serial No.: 10/760,494

Group Art Unit: Unassigned

Filed: January 21, 2004

For:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)(1)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

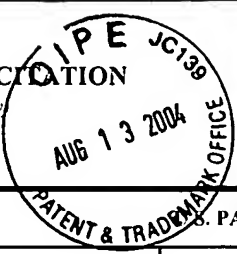
Applicant submits, pursuant to 37 C.F.R. §§ 1.97 and 1.98, a form PTO-A820 with the sixty-one (65) references listed thereon, copies of which are submitted herewith. It is respectfully requested that, the examiner consider and cite of record these references. Applicant would appreciate the examiner initialing and returning the Form PTO-A820 indicating the information has been considered and made of record.

This Information Disclosure Statement is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

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Dated: August 12, 2004
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 3004-10US		Application Number USSN 10/760,494	
				Applicant(s) Zazopoulos, Emmanuel			
				Filing Date January 21, 2004		Group Art Unit	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	US 4,452,775	06.05.84	Syntex (USA) Inc.	A61K	9/26	
	A2	US 5,039,660	08.13.91	Endocon Inc.	C07K	17/08	
	A3	US 3,854,480	12.17.74	Alza Corporation	A61M	5/00	
	A4	US 6,361,974	03.26.02	Diversa Corporation	C12P	21/06	
	A5	US 6,372,497	04.16.02	Maxygen Inc.	C12N	15/00	
	A6	US 4,946,778	08.07.90	Genex Corporation	C12N	15/00	
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
B1	WO 01/34816	05.17.01	WO	C12N	15/76		
B2	WO 03/062458	07.31.03	WO	C12Q	1/02		
B3	CA 2,352,451	07.24.01	CA	C12Q	1/68		
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
C1	Sakuda et al., Tetrahedron Letters, (1995) vol.36, no.16, pp.2777-2780 "Linearmycin A, a novel linear polyene antibiotic"						
C2	Sakuda et al., J Chem. Soc. Perk. Trans., (1996) 1, pp.2315-2319 "Novel linear polyene antibiotics: linearmycins"						
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C3	Pawlack et al., Journal of Antibiotics, (1980) vol.33 no.9, pp.989-997 "The structure of lienomycin, a pentaene macrolide antitumor antibiotic"
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C5	Goodfellow, Bergey's manuel of systematic bacteriology, vol.4, pp.2322-2339 "Suprageneric classification of actinomycetes"
C6	Embley et al., Annu. Rev. Microbiol., (1994) vol.48, pp.257-289 "The molecular phylogeny and systematics of the actinomycetes"
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C22		Kao et al., Science, (1994) vol.265(5171), pp.509-512 "Abstract Engineered biosynthesis of a complete macrolactone in a heterologous host"
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C31		Gluzman Y, Cell, (1981) vol.23, no.1, pp.175-82 "SV40-transformed simian cells support the replication of early SV40 mutants"
C32		Leung DW et al., Technique, (1989) vol.1, pp.11-15 "A method for random mutagenesis of a defined DNA segment using a modified polymerase chain reaction"
C33		Caldwell RC et al., PCR Methods Applic., (1992) vol.2, pp.28-33 "Randomization of genes by PCR mutagenesis"
C34		Reidharr-Olson, JF et al., Science, (1988) vol.241 (4861), pp.53-57 "Combinatorial cassette mutagenesis as a probe of the informational content of protein sequences"
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C40	Zazopoulos et al., Nature Biotechnology, (2003) vol.21, pp.187-190 "A genomics-guided approach for discovering and expressing cryptic metabolic pathways"
C41	Grote R., Zeeck A., J. Antibiot., (1988) vol.41, pp.1178-95 "Colabomycin A from Streptomyces griseoflavus Tue 2880"
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C47	Fisher H. et al., Proceedings of the Society for Experimental Biology and Medicine, (1974) vol.145, pp.836-839 "Effect of candidin on plasma cholesterol and avian atherosclerosis."
C48	Pagliano FM, Arch Sci Med (Torino), (1979) vol.136, pp.303-308 "Correction of hyperdyslipidemia using polyene-structure substances. Controlled clinical trial"
C49	Barbaro A. et al., Archivio per Scienze Mediche, (1980) vol.137, pp.211-216 "Action of a polyene macrolide on hyperdyslipidaemic disorders"
C50	Singhal AK et al, Lipids, (1981) vol.16, p.423-426 "C.P. Effect of candidacin on cholesterol and bile acid metabolism in the rat"

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C55		Worthen, D.R. et al., Drug Development and Industrial Pharmacy, (2001) vol.27, no.4, pp.277-286 "Methods for the recovery and purification of polyene antifungals"
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